

MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

DECEMBER 1999

Storm Sudden Commencements (SSC)			Solar Flare Effects (sfe)		
Day	Time	Quality: Station Group*	Day	Begin-End	Station(s)
12	1551	A: HRB COI BJI	01	1007-1024	BDV
		B: NGK* VAL* BDV* CLF* NAG* MMB KAK KNY	17	0625-0639	BDV
		C: QUE HYB GNA CNB	28	0042-0105	MMB+ KAK+ KNY+
		-: WNG*			

REPORTING OBSERVATORIES (up to the 2nd of February 2000):

SOD NUR WNG NGK VAL BDV CLF HRB NAG MMB EBR COI BJI SPT KAK KNY QUE HYB GNA CNB

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The * means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).

Storm Sudden Commencements (SSC) and Sunspot Numbers (SSN)

